

CALFED BAY-DELTA PROGRAM											
Tracking Table for Ecosystem Restoration Projects											
October 1, 1999											
CALFED No.	Project Description	Project Category	Applicant	Geo Area	CALFED Approved Funding	CALFED Funds Obligated	CALFED Funds Expended	CVPIA Funding	Other Funding	Acres	Status
Contract Agency: CALFED Bay-Delta Program (Prop 204 Funds)											
97-C01	RD 108 screen construction	Fish Screen Passage	RD 108	Sacramento Mainstem	\$2,500,000	\$2,500,000	\$2,256,077	\$3,800,000	\$0		Fully executed 7/16/98 - Construction 96% complete. Completed Amendment to extend contract 6 mos. Through 12/31/99. High water levels have delayed completion of construction until Fall 1999.
97-C02	Princeton Fish screen construction B73	Fish Screen Passage	RD1004	Sacramento Mainstem	\$1,750,000	\$1,750,000	\$1,469,027	\$544,000	\$2,675,000		Fully executed 9/22/98, Construction complete. Finished start-up testing.
97-C03	Watershed management planning for Sacramento River Riparian Program	Watershed Management	DWR	Sacramento Mainstem	\$200,000	\$200,000	\$0	\$0	\$0		Fully executed 8/4/98. DWR completed subcontract with Chico State for the program.
97-C04A	Selected fish screens	Fish Screen Passage	DFG	Sacramento Tributaries	\$374,850	\$374,850	\$28,955	\$0	\$0		Fully executed contract for small screens for 374,850 on 2/2/99. One fish screen is 40% complete & other work is proceeding.
97-C04B	Selected fish screens	Fish Screen Passage	DWR	Suisun Marsh	\$2,784,600	\$0	\$0	\$0	\$151,000		DFG cannot contract for fish screen construction over \$500,000. Suisun marsh screens will be withdrawn until a new project proponent has been selected and project plans finalized. They will resubmit as a potential directed program.
97-C05	Effects of wetlands restoration on methyl mercury levels	Water Quality and Temperature	UC Davis	Delta	\$546,171	\$546,171	\$68,602	\$0	\$0		Fully executed 9/24/98. Completed purchase of mercury analyzer have verified analytical methods-field sampling & have started analyzing field samples ongoing to catalogue of wetlands to determine key gradients. Have completed 1st year summary report.
97-C06	Contaminant effects on smelt	Water Quality and Temperature	UC Davis	Delta	\$437,326	\$437,326	\$6,112	\$0	\$0		Fully executed 11/20/98.
97-C07	Preventing exotic introductions from ballast water	Introduced and Undesirable Species	UC Sea Grant Extension Program	North Bay	\$222,830	\$222,830	\$13,236	\$0	\$63,885		Fully executed 8/24/98. Project delayed until 2/99 due to staffing problems. Work on newsletter & outreach has begun.
97-C08	San Joaquin River real-time water quality management program	Water Quality and Temperature	DWR	San Joaquin Mainstem	\$931,857	\$931,857	\$0	\$0	\$0		Fully executed 3/30/99. Completing sub-contracts for the project.
97-C09	Developing a genetic baseline for San Joaquin salmon	Fish Management Hatchery	DFG	San Joaquin Mainstem	\$387,003	\$387,003	\$0	\$0	\$600,000		Contract fully executed by 2/1/99. Project has been delayed & they have requested a time extension. Genetic analysis started Aug 1999.
97-C11	Gravel at Basso Bridge	Habitat Restoration in Floodplains & Marshes	DFG	Tuolumne River	\$250,975	\$250,975	\$4,095	\$0	\$22,100		Fully executed 1/5/99. Permit application complete & should receive approval soon.
97-C12	Evaluation of alternative pesticide use reduction practices	Water Quality and Temperature	UC Davis	Landscape	\$957,781	\$957,781	\$76,761	\$0	\$746,827		Fully executed 8/26/98, completed Task Order for year 1 work 11/18/98. Development of Alternative Practices Matrix 54% complete
98-C01	Twitchell Island Subsidence Study	Habitat Restoration in Floodplains & Marshes	DWR	Delta	\$3,583,000	\$3,583,000	\$0	\$0	\$0		Fully executed 5/20/99. Completed subcontracts for the project. Work will begin in September 1999.
98-C02	Culture of Delta Smelt	Fish Management Hatchery	UC Davis, Animal & Science	Delta	\$194,870	\$194,870	\$143,499	\$0	\$0		Fully executed 9/10/98. Physical improvements to site completed, testing, & delta water supply with larval fish. Broodfish collection & rotifer culture complete. Larval & juvenile rearing progressing. Final report of 1st year due Sept 1999.
98-C03	Hamilton wetlands restoration planning	Habitat Restoration in Floodplains & Marshes	Calif. Coastal Conservancy and SF BCDC	Northbay	\$1,000,015	\$1,000,015	\$458,923	\$0	\$1,324,000		Fully Executed 10/28/98. Completed the EIR/EIS, Hamilton Conceptual Restoration Plan, and feasibility study. Will begin final design in September 1999.
98-C04	Merced River Ranch acquisition and restoration	Habitat Restoration in Floodplains & Marshes	DFG	Merced River	\$658,000	\$658,000	\$0	\$0	\$45,500	42 ²	Combined with 98-C05 Basso Bridge land acquisition.

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98-C05	Basso Bridge land acquisition	Habitat Restoration in Floodplains & Marshes	DFG	Tuolumne River	\$172,500	\$172,500	\$0	\$0	\$0	318 ²	Fully executed 1/5/99. Working with Wildlife Conservation Board to complete work on property appraisals.
98-C06	Water Quality Criteria for Chlorpyrifos and Diazinon (Designated Action)	Water Quality and Temperature Improvement	DFG	Landscape	\$67,753	\$67,753	\$0	\$0	\$0		Contract fully executed 3/8/99. Have completed several toxicity tests. First toxicity reports due Sept 1999.
98-C07	Fathead Minnow Toxicity	Water Quality and Temperature Improvement	CVRWQCB	Landscape	\$400,000	\$400,000	\$0	\$0	\$0		Contract fully executed 2/5/99.
98-C08	Algal Toxicity	Water Quality and Temperature Improvement	CVRWQCB	Landscape	\$500,000	\$500,000	\$0	\$0	\$0		Contract fully executed 2/5/99.
98-C09a	Sediment Water Quality	Water Quality and Temperature Improvement	DPC	Delta	\$24,000	\$24,000	\$0	\$0	\$0		Contract fully executed 4/16/99. DPC is developing the Technical Advisory Panel.
98-C09b	Sediment Water Quality	Water Quality and Temperature Improvement	DFG	Delta	\$276,000	\$276,000	\$0	\$0	\$0		Fully executed 3/30/99. Signed task order for year one work.
98-C09c	Sediment Water Quality	Water Quality and Temperature Improvement	RWQC	Delta	\$200,000	\$200,000	\$0	\$0	\$0		Fully executed 6/3/99. Signed task order for year one work.
98-C10	CMARP DA	Habitat Restoration in Floodplains & Marshes	DWR	Landscape	\$800,000	\$800,000	\$0	\$0	\$0		Fully executed 5/4/99. Initial report complete. Refining report and expanding their role.
98-C11	Chinook Salmon Movement in the Lower SJR and South Delta	Fish Management Hatchery	DFG	San Joaquin River and Delta	\$285,000	\$285,000	\$0	\$0	\$0		Fully executed 6/2/99. Due to delays in obtaining equipment project will require time extension.
98-C12	Genetic Comparison of Steelhead Stocks in Clear Creek	Fish Management Hatchery	USFWS	Clear Creek	\$45,493	\$0	\$0	\$0	\$0		Contract sent to contractor for signature 5/4/99.
98-C13	Spawning Areas of Green Sturgeon in the Upper Sacramento River	Habitat Restoration in Floodplains & Marshes	USFWS	Sacramento River	\$60,801	\$0	\$0	\$0	\$0		Contract sent to contractor for signature 3/19/99.
98-C14	Monitoring Spring and Winter-run Chinook Salmon and Steelhead in Battle Creek	Fish Management Hatchery	USFWS	Battle Creek	\$150,000	\$0	\$0	\$0	\$0		Contract sent to contractor for signature 5/20/99.
98-C15	Biological Assessment of Green Sturgeon in the Sacramento-San Joaquin Watershed	Fish Management Hatchery	UC Davis	Sacramento-San Joaquin Watershed	\$241,000	\$241,000	\$684	\$0	\$0		Contract fully executed 3/30/99. Work on all tasks has begun.
98-C16	Developing a Methodology to Accurately Simulate Entrainment of Fish	Fish Screen Passage	DFG	Delta	\$200,000	\$0	\$0	\$0	\$0		Contractor has completed review & was received at DFG contract office 5/26/99. In the budget office.
99-C01	Cosumnes River Feasibility Study	Habitat Restoration in Floodplains & Marshes	The Nature Conservancy	Cosumnes River	\$400,000	\$0	\$0	\$0	\$0		Contract to contractor for signature 5/20/99. Waiting for completion of final study plan to finalize their role in implementing the plan.
99-C02	Mokelumne River Feasibility Study	Habitat Restoration in Floodplains & Marshes	EBMUD	Mokelumne River	\$400,000	\$400,000	\$0	\$0	\$0		Contract fully executed 4/20/99. They are completing a final study plan for the project.
Total: \$					\$21,001,825	\$17,360,931	\$4,525,971	\$4,344,000	\$5,628,312		
32						83%	22%				81%
Contracts						Obligated	Expended				Executed
Contract Agency: National Fish and Wildlife Foundation (Prop 204 funds)											
97-N01	Assessment and implementation of urban use reduction of diazinon and chlorpyrifos (Sacramento County)	Water Quality and Temperature	Sacramento Area Stormwater Permittees	Sacramento Mainstem	\$663,500	\$663,500	\$64,414	\$0	\$193,000		Contract signed 8/29/98, received QAQC, need to review 2 draft subcontracts.

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97-N02	Sacramento River floodplain acquisition and riparian restoration	Habitat Restoration in Floodplains & Marshes	WCB, USFWS, The Nature Conservancy	Sacramento Mainstem	\$9,879,800	\$9,879,800	\$6,068,214	\$0	\$0	1,500 ¹	Two properties purchased.
97-N03A	Sacramento River acquisition and riparian forest restoration	Habitat Restoration in Floodplains & Marshes	USFWS, The Nature Conservancy	Sacramento Mainstem	\$780,000	\$780,000	\$1,435	\$0	\$0	300 ²	Contract signed 12/8/98.
97-N03B	Sacramento River floodplain acquisition and riparian restoration	Habitat Restoration in Floodplains & Marshes	WCB	Sacramento Mainstem	\$512,500	\$512,500	\$0	\$0	\$0	See 97N03A	Contract executed.
97-N04	Sacramento River meander restoration	Habitat Restoration in Floodplains & Marshes	The Nature Conservancy	Sacramento Mainstem	\$898,700	\$898,700	\$816,800	\$0	\$0	95	Contract signed 10/28/98. Property purchased. Completing subcontracts for site preparation and planting.
97-N05	Restoration planning (M and N Fork American River, Auburn Ravine, Coon Creek)	Habitat Restoration in Floodplains & Marshes	Placer County	American River	\$222,530	\$222,530	\$0	\$0	\$222,530		Contract executed 3/29/99.
97-N06	Butte Creek acquisition and riparian restoration	Habitat Restoration in Floodplains & Marshes	CSU, Chico	Butte Creek	\$187,128	\$187,128	\$0	\$0	\$135,000	90 ²	Contract signed 12/21/98. Property acquired. Also funded with 98-F03.
97-N07	Cottonwood Creek channel restoration planning	Habitat Restoration in Floodplains & Marshes	Graham Matthews & Associates	Cottonwood Creek	\$61,000	\$61,000	\$20,081	\$0	\$10,000		Contract signed 7/1/98. Work is ongoing.
97-N08	Lower Mill Creek riparian restoration	Habitat Restoration in Floodplains & Marshes	Mill Creek Conservancy, The Nature Conservancy	Mill Creek	\$69,000	\$69,000	\$1,899	\$30,000	\$109,670	3	Contract signed 12/29/98. Property acquired. Also funded with 98-F04
97-N09	Monitoring of Delta contaminants	Water Quality and Temperature	San Francisco Baykeeper	Delta	\$100,000	\$100,000	\$35,858	\$0	\$20,000		Contract signed 9/18/98.
97-N10	Jepson Prairie restoration and conservation plan	Habitat Restoration in Floodplains & Marshes	Solano County Farmlands, Open Space Foundation	Delta	\$244,801	\$244,801	\$0	\$0	\$0	600 ²	Contract signed 1/29/99.
97-N11	In-Channel Island restoration/demonstration	Habitat Restoration in Floodplains & Marshes	Association of Bay Area Governments	Delta	\$270,270	\$270,270	\$199,594	\$0	\$91,000		Contract signed 7/15/98.
97-N12	Franks Tract restoration	Habitat Restoration in Floodplains & Marshes	Moffat and Nichol Engineers, DPR, DWR	Delta	\$231,500	\$231,500	\$51,997		\$370,000	40	Contract signed 12/29/98.

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97-N13	Tyler Island levee protection and habitat restoration pilot project	Habitat Restoration in Floodplains & Marshes	Habitat Assessment & Restoration Team, Inc	Delta	\$885,202	\$885,202	\$273,055	\$0	\$0	6	Contract signed 7/22/98.
97-N14	Cosumnes start-up stewardship and restoration	Habitat Restoration in Floodplains & Marshes	WCB, The Nature Conservancy	Cosumnes River	\$1,975,100	\$1,975,100	\$0	\$0	\$0		Contract signed 6/22/99
97-N16	Bay Point shoreline Restoration Plan	Habitat Restoration in Floodplains & Marshes	East Bay Regional Park District	East Bay	\$185,000	\$185,000	\$0	\$0	\$53,900	52 ²	Contract signed 8/12/98.
97-N18	Cullinan Ranch restoration	Habitat Restoration in Floodplains & Marshes	Ducks Unlimited, Inc.	North Bay	\$368,500	\$368,500	\$0	\$0	\$662,000	1,495 ²	Contract executed 3/30/99.
97-N19	Tolay Creek restoration	Habitat Restoration in Floodplains & Marshes	Ducks Unlimited, Inc.	North Bay	\$283,000	\$283,000	\$232,090	\$0	\$422,000	312 ²	Contract and first task order approved by CALFED and signed 10/16/98. Channel modifications complete and levee breached Dec. 1998.
97-N20	Implementing programs to reduce the use of pesticides and fertilizers in Sacramento and San Joaquin watersheds	Water Quality and Temperature	Community Alliance with Family Farmers	Landscape	\$1,680,631	\$1,680,631	\$594,079	\$0	\$0		Contract signed 7/20/98.
97-N21	Knights Ferry gravel replenishment	Habitat Restoration in Floodplains & Marshes	Carl Mesick Consultants	Stanislaus River	\$536,410	\$536,410	\$191,175	\$0	\$90,000		Contract signed 9/30/98.
98-N01	RD 2035 Fish Screen	Fish Screen Passage	RD 2035	Sacramento River	\$100,000	\$100,000	\$0	\$0	\$0		Contract executed 3/31/99.
98-N02	Expanding California Salmon Habitat to Alter Dams and Diversions	Habitat Restoration in Floodplains & Marshes	Institute for Fisheries Resources	Landscape	\$49,000	\$49,000	\$20,146	\$0	\$0		Contract signed 3/12/99.
98-N03	Life History and Stock Composition of Steelhead Trout	Fish Management Hatchery	Yuba Co. Water Agency	Yuba River	\$120,000	\$120,000	\$0	\$0	\$0		Contract signed 6/9/99.
98-N04	Small Fish Screen Evaluation	Fish Screen Passage	Pelgar Mutual Water Company	Sacramento River	\$95,000	\$0	\$0	\$0	\$0		Contract sent to contractor for signature on 3/26/99. Project delayed due to damage to fish screen.
99-N01	ACID Fish Screen	Fish Screen Passage	Anderson-Cottonwood Irrigation District	Sacramento River	\$5,100,000	\$5,100,000	\$0	\$0	\$0		Contract sent to contractor 7/23/99.
99-N02	Fish Treadmill Developed Fish screen Criteria for Native Sacramento-San Joaquin Watershed Fishes	Fish Screen Passage	UC Davis	Landscape	\$823,000	\$0	\$0	\$0	\$0		Contracting being prepared.
99-N03	East Delta Habitat Corridor (Georgiana Slough)	Habitat Restoration in Floodplains & Marshes	Habitat Assessment & Restoration Team, Inc	Landscape	\$1,100,000	\$0	\$0	\$0	\$0		Contracting being prepared.

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99-N04	Lake Red Bluff Riparian Area Restoration & Education Support Project	Habitat Restoration in Floodplains & Marshes	Calif. Coastal Conservancy	Sacramento Mainstem	\$29,114	\$0	\$0	\$0			Contracting being prepared.
99-N05	Reintroduction of Endangered Soft Bird's Beak to Restored Habitat	Habitat Restoration in Floodplains & Marshes	UC Davis	Suisun Marsh	\$148,627	\$0	\$0	\$0			Contracting being prepared.
99-N06	Linked Hydrogeomorphic Ecosystem Models to Support Adaptive Management	Habitat Restoration in Floodplains & Marshes	UC Davis	Consumnes-Mokelumne Basin	\$1,546,016	\$0	\$0	\$0			Contracting being prepared.
99-N07	Chronic Toxicity of Environmental Contaminants in Sacramento Splittail - A Biomarker Approach	Water Quality and Temperature Improvement	UC Davis	Nurse Slough	\$673,684	\$0	\$0	\$0			Contracting being prepared.
99-N08	Assessment of Pesticide Effects on Fish & Their Food Resources in the Sacramento/San Joaquin Delta	Water Quality and Temperature Improvement	UC Berkeley	Landscape	\$1,586,894	\$0	\$0	\$0			Contracting being prepared.
99-N09	Effects of introduced Species of Zooplankton & clams on the Bay-Delta Food Web	Introduced & Undesirable Species	SF State University	Landscape	\$653,384	\$0	\$0	\$0			Contracting being prepared.
99-N10	Assessing Ecological & Economic Impacts of the Chinese Mitten crab	Introduced & Undesirable Species	UC Berkeley	Bay Area	\$113,033	\$0	\$0	\$0			Contracting being prepared.
99-N11	Purple Loosetrife Prevention, Detection & Control Actions for the Sacramento-San Joaquin River Delta System	Introduced & Undesirable Species	DFA	Landscape	\$127,473	\$0	\$0	\$0			Contracting being prepared.
99-N12	Central Valley Steelhead Genetic Evaluation	Improved Fish Management & Hatchery Operations	DFG	Landscape	\$70,636	\$0	\$0	\$0			Contracting being prepared.
99-N13	Development of a Comprehensive Implementation Plan for a Statistically Designed Marking & Recovery Plan	Improved Fish Management & Hatchery Operations	DFG	Landscape	\$75,951	\$0	\$0	\$0			Contracting being prepared.
Total: \$					\$32,446,384	\$25,403,572	\$8,568,847	\$30,000	\$2,379,100		
					37	78%	26%				88%
					Contracts	Obligated	Expended				Executed
Contract Agency: California Urban Water Agencies/ Metropolitan Water District (Stakeholder funds)											
95-M01	Interim Flow Restoration	Environmental Water Acquisition	USFWS	Sacramento Tributaries	\$0	\$0	\$0	\$500,000	\$0		Project Completed.
95-M02	Fish Screen and Ladder Construction	Fish Screen Passage	Durham Mutual	Butte Creek	\$316,500	\$316,500	\$316,500	\$464,720	\$127,031		Project Completed.
95-M03	Construct Fish Ladder on Parrott-Phelan Dam	Fish Screen Passage	M&T Ranch/Parrott	Butte Creek	\$0	\$0	\$0	\$100,000	\$318,000		Project Completed.
95-M04	Gravel Restoration Project	Habitat Restoration in Floodplains & Marshes	DWR	Sacramento River	\$0	\$0	\$0	\$39,400	\$13,100		Project Completed.
95-M05	Pump Station Relocation Construction	Fish Screen Passage	M&T Ranch/Parrott Investments Co.	Sacramento Tributaries	\$1,610,000	\$1,610,000	\$1,610,000	\$2,254,000	\$830,000		Project Completed.
95-M06	Implementing programs to reduce the use of pesticides and fertilizers in Sacramento and San Joaquin watersheds (BIO5)	Water Quality & Temperature Improvements	Community Alliance with Family Farmers	Landscape	\$660,000	\$660,000	\$659,770	\$0	\$0		Year 2 of 3 year project. Final deliverables due 12/99.
95-M07	Fish Screen Construction	Fish Screen Passage	Suisun Resource Conservation District	Suisun Marsh	\$450,000	\$450,000	\$450,000	\$450,000	\$0		Project Completed.
95-M08	Winter-run Chinook Salmon Captive Broodstock Program	Fish Management Hatchery	DWR	Landscape	\$300,000	\$300,000	\$284,000	\$0	\$250,000		Project Completed.
96-M01	Construct Siphon & Associated Improvements.	Fish Screen Passage	Western Canal Water District	Sacramento Tributaries	\$3,095,873	\$3,095,873	\$2,986,067	\$3,095,873	\$3,265,873		Project Completed.

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96-M02	Prospect Island - Shallow Water Habitat/Wetlands Restoration Plan	Habitat Restoration in Floodplains & Marshes	DWR	Delta	\$2,500,000	\$2,500,000	\$0	\$0	\$6,650,000		Expect contract execution in near future.
96-M03	Riparian Habitat Restoration Verona-Collinsville (Phase 1-Feas.)	Habitat Restoration in Floodplains & Marshes	USCOE	Sacramento River	\$500,000	\$500,000	\$237,725	\$0	\$500,000		Ready for Corps of Engineer work to be performed.
96-M04	Princeton Pumping Plant Fish Screen (Phase 1-Feas.)	Fish Screen Passage	RD 1004	Sacramento River	\$75,000	\$75,000	\$75,000	\$150,000	\$100,000		Project Completed.
96-M05	Fish Screen -Feasibility Engineering	Fish Screen Passage	Princeton-Codora-Glenn / Provident Irrigation Districts	Sacramento River	\$75,000	\$75,000	\$75,000	\$75,000	\$0		Project Completed.
96-M06	Cosumnes River Preserve (Valensin Ranch Acquisition)	Habitat Restoration in Floodplains & Marshes	The Nature Conservancy	Cosumnes River	\$1,500,000	\$1,500,000	\$1,500,000	\$1,250,000	\$9,250,000	3,300 ¹	Project Completed.
96-M07	Fish Screen Construction	Fish Screen Passage	Princeton-Codora-Glenn / Provident Irrigation Districts	Sacramento River	\$5,500,000	\$5,500,000	\$3,503,773	\$5,281,200	\$0		Project granted time extension to 12/31/2000.
96-M08	Fish Screen Construction (Phase 2 - Install Additional Screens)	Fish Screen Passage	Suisun Resource Conservation District	Suisun Marsh	\$500,000	\$500,000	\$0	\$500,000	\$0		Steering Committee recommended rescinding funds.
96-M09	Sherman Island - Levee Habitat Demonstration Project	Habitat Restoration in Floodplains & Marshes	DWR	Delta	\$480,000	\$480,000	\$76,266	\$0	\$480,000		Bids exceed budget. Steering Committee denied request for additional funding. Proponent evaluating next step.
96-M10	Research to Predict Evolution of Restored Diked Wetlands	Habitat Restoration in Floodplains & Marshes	University of Washington	Delta	\$575,172	\$575,172	\$241,086	\$0	\$0		Steering Committee approved additional \$100,172 for additional fisheries and bird field work.
96-M11	Applied Research to Identify Chinook Salmon Runs via Genetics	Fish Management Hatchery	DWR	Landscape	\$450,000	\$450,000	\$0	\$0	\$600,000		Project is underway.
96-M12	Battle Creek - Chinook Salmon & Steelhead Restoration Study	Fish Management Hatchery	Bill Keir Associates	Battle Creek	\$306,000	\$306,000	\$306,000	\$0	\$0		Project Completed.
96-M13	Yolo Bypass - Habitat Restoration Study	Habitat Restoration in Floodplains & Marshes	DWR	Yolo Bypass	\$226,000	\$226,000	\$226,000	\$0	\$30,000		Project assigned to NFWF. Project completed.
96-M14	Clear Creek - Property Acquisition	Habitat Restoration in Floodplains & Marshes	Western Shasta RCD	Clear Creek	\$211,000	\$211,000	\$211,000	\$211,000	\$0	120	Project assigned to NFWF. Project completed.
96-M15	Intro. of Non-Indigenous Aquatic Species Research Program	Introduced & Undesirable Species	San Francisco Estuary Institute	Landscape	\$197,000	\$197,000	\$184,650	\$0	\$0		Project 90% complete.
96-M16	Sacramento River and Major Trib.- Corridor Mapping Project	Habitat Restoration in Floodplains & Marshes	CSU, Chico	Sacramento River	\$145,200	\$145,200	\$81,342	\$0	\$0		Project 80% complete.
96-M17	Yuba River Fish Screen Replacement	Fish Screen Passage	Browns Valley Irrigation District	Yuba River	\$114,750	\$114,750	\$80,857	\$114,750	\$116,500		Project 95% complete.
96-M18	Determine Effects of Toxics	Water Quality & Temperature Improvements	Phyllis Fox & Associates	Landscape	\$110,000	\$110,000	\$15,000	\$0	\$0		Steering Committee terminated project - agreement could not be reached on project scope.
96-M19	Wilkins Slough - Fish Screen Prelim. Design	Fish Screen Passage	RD 108	Sacramento River	\$100,000	\$100,000	\$100,000	\$100,000	\$16,300		Project Completed.

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98-M20	Fish Screen Project	Fish Screen Passage	Banta-Carbona Irrigation District	San Joaquin River	\$100,000	\$100,000	\$0	\$1,916,750	\$0		Funding rescinded by mutual consent due to timing.
98-M21	Adams Dam Fish Screen & Ladder	Fish Screen Passage	El Escalon Ranch	Butte Creek	\$70,304	\$70,304	\$70,301	\$0	\$50,000		Project Completed.
98-M22	Gorill Dam Fish Screen & Ladder	Fish Screen Passage	Gorill Ranch	Butte Creek	\$67,990	\$67,990	\$61,191	\$0	\$56,500		Project Completed.
98-M23	Innovative Fish Screen for Small Diversions Demonstration Project	Fish Screen Passage	Jim Buell & Associates	Landscape	\$90,000	\$90,000	\$51,773	\$0	\$0		Project will be complete at 60% of work due to ESA concerns.
98-M24	Butte Creek - Watershed Management Strategy Plan	Watershed Management	CSU, Chico	Butte Creek	\$83,000	\$83,000	\$57,722	\$0	\$83,000		90% complete.
98-M25	Battle Creek - Chinook Salmon & Establish Watershed Conservancy	Watershed Management	Western Shasta RCD	Battle Creek	\$50,000	\$50,000	\$40,104	\$50,000	\$0		50% complete.
98-M26	Prospect Island - Develop Monitoring Plan	Habitat Restoration in Floodplains & Marshes	DWR	Delta	\$35,000	\$35,000	\$35,000	\$0	\$0		Project Completed.
98-M27	North Delta Area - Juvenile Salmon Rearing	Habitat Restoration in Floodplains & Marshes	CSU, Sacramento	Delta	\$24,500	\$24,500	\$19,048	\$0	\$0		Field work complete.
97-M01	Wilson Ranch screen	Fish Screen Passage	Deseret Farms of Calif.	Sacramento Mainstem	\$200,000	\$0	\$0	\$0	\$0		Draft contract sent to Deseret Farms of California.
97-M02	Battle Creek screens and fish passage	Fish Screen Passage	DWR	Battle Creek	\$395,000	\$395,000	\$0	\$0	\$0		DWR has completed first phase of work; remaining work in progress.
97-M03	Gorill Dam screen and ladder	Fish Screen Passage	Gorill Land Company	Butte Creek	\$369,641	\$369,641	\$332,677	\$755,948	\$268,318		Project is complete.
97-M04	Adams Dam screen and passage	Fish Screen Passage	Ducks Unlimited, Inc.	Butte Creek	\$217,000	\$217,000	\$216,892	\$508,192	\$171,000		Project is complete.
97-M05	Saeltzer Dam Fish Passage	Fish Screen Passage	Townsend Flat Water Ditch Company	Clear Creek	\$138,200	\$0	\$0	\$0	\$0		USBR undertaking environmental and permitting tasks; so CUWA's funding for this project was reduced by about \$100,000. Project on hold until negotiations between Townsend Flat Water Ditch Co. and USBR regarding water rights are concluded.
97-M06	Hastings Tract screen feasibility study	Fish Screen Passage	Hastings Island Land Company	Delta	\$27,000	\$0	\$0	\$0	\$0		Draft contract being prepared. Waiting for response from Hastings.
97-M07	Banta-Carbona fish screen	Fish Screen Passage	Banta-Carbona Irrigation District	San Joaquin Mainstem	\$938,875	\$0	\$0	\$0	\$0		Received proponents indication of desire to proceed. Contract under preparation.
97-M08	Tuolumne River channel restoration (Pool 9)	Habitat Restoration in Floodplains & Marshes	Turlock Irrigation District	Tuolumne River	\$2,353,100	\$0	\$0	\$0	\$0		Negotiating a change of scope for review by CALFED.
97-M09	Tuolumne River setback levees and channel restoration	Habitat Restoration in Floodplains & Marshes	Turlock Irrigation District	Tuolumne River	\$2,801,000	\$0	\$0	\$3,382,000	\$50,000		Negotiating a change of scope for review by CALFED. Also funded with 98-F06
				Total:	\$27,958,105	\$21,499,930	\$14,084,744	\$20,698,833	\$23,225,622		
				44		77%	50%				77%
				Contracts		Obligated	Expended				Executed
Contract Agency: U.S. Bureau of Reclamation (Federal funds)											
97-B01	Watershed improvements/sediment stabilization (Deer, Mill, Antelope Creeks)	Watershed Management	USFS	Deer, Mill, Antelope Creeks	\$371,000	\$371,000	\$144,000	\$0	\$69,000		Contract executed 3/16/98. Updating road mappin. Consulted with MNFS. 1/2 mile road removed.

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97-B02	Sedimentation movement and availability and monitoring in the Delta	Habitat Restoration in Floodplains & Marshes	USGS	Delta	\$1,046,200	\$1,046,200	\$242,800	\$0	\$0		Contract executed 3/16/98 for \$587,000. Contract executed 5/21/98 for \$460,000.
97-B03	Liberty Island acquisition	Habitat Restoration in Floodplains & Marshes	USFWS	Delta	\$8,926,000	\$8,747,000	\$8,747,000	\$25,000	\$0	4,760 ¹	Property acquired 9/99.
97-B04	Acquisition and restoration of Refuge lands (SJR NWR)	Habitat Restoration in Floodplains & Marshes	USFWS	San Joaquin Mainstem	\$10,647,000	\$10,647,000	\$1,752,000	\$0	\$9,353,000	6169 ¹	Contract executed 3/11/98. One parcel acquired, appraisals underway on other parcels. Closure expected soon.
97-B05	Bear Creek floodplain restoration demonstration project (SLNWR)	Habitat Restoration in Floodplains & Marshes	USFWS	San Joaquin River	\$334,000	\$334,000	\$332,000	\$0	\$80,000		Contract executed 3/14/98. Hydraulic modeling underway.
97-B06	Assessment of organic matter in the habitat and its relationship to the food chain	Water Quality and Temperature	USGS	Landscape	\$1,440,649	\$1,440,649	\$467,000	\$0	\$0		Contract executed 3/16/98 for \$517,000. Contract executed 7/22/98 for \$833,000. Project underway.
98-B01	Richter Brothers screen, Phase I	Fish Screen Passage	Richter Brothers	Sacramento Mainstem	\$49,000	\$49,000	\$0	\$0	\$0		Executed 6/5/98. Feasibility Study completed.
98-B02	Boeger Family Farm screen - Feasibility Study Phase I	Fish Screen Passage	Boeger Family Farms	Sacramento Mainstem	\$15,000	\$15,000	\$13,811	\$0	\$0		Executed 8/18/98. Draft feasibility study completed.
98-B03	ACID fish passage	Fish Screen Passage	Anderson-Cottonwood Irrigation District	Sacramento Mainstem	\$325,000	\$325,000	\$325,000	\$0	\$50,000		Executed 6/5/98. Completed.
98-B05	Sand and Salt Creek watershed project	Water Quality and Temperature	Colusa County Resource Conservation District	Colusa Basin	\$598,633	\$598,633	\$46,000	\$0	\$1,508,000		Executed 6/24/98. Baseline data gathered.
98-B07	Evaluation of selenium sources, levels, and consequences in the Delta	Water Quality and Temperature	USGS	Delta	\$1,626,826	\$1,588,709	\$533,000	\$0	\$1,190,655		Interagency contract executed 8/12/98. Project underway.
98-B08	Cache Slough habitat enhancement	Habitat Restoration in Floodplains & Marshes	RD No. 2080	Delta	\$85,000	\$85,000	\$0	\$0	\$0		Executed 6/2/98. Topographic survey completed.
98-B09	IPM Partnership to Improve Water Quality in Suisun Bay and Local Creeks	Water Quality and Temperature	Central Contra Costa Sanitary District	Delta	\$266,000	\$266,000	\$88,000	\$0	\$191,000		Executed 8/20/98. Scripted and filmed training video. Trained Master Gardeners.
98-B10	Inventory of forest road systems, Cat Creek Watershed	Watershed Management	USFS	Cosumnes River	\$38,000	\$38,000	\$8,000	\$0	\$0		Executed 8/6/98. Updating roadmapping
98-B11	Woodbridge fish screen and passage	Fish Screen Passage	Woodbridge Irrigation District	Mokelumne River	\$1,575,000	\$1,575,000	\$555,000	\$0	\$0		Draft EIR/EIS completed.
98-B13	Napa River Wetlands acquisition	Habitat Restoration in Floodplains & Marshes	Napa County Land Trust	Northbay	\$1,000,000	\$1,000,000	\$910,000	\$0	\$0	68	Executed 9/24/98. Pilot treatment plants operating.
98-B14	Bacterial treatment of Selenium in the Panoche Drainage	Water Quality and Temperature	UC Berkeley	San Joaquin Mainstem	\$1,148,326	\$1,148,326	\$278,000	\$0	\$0		Executed 9/9/98.
98-B15	Evaluation of tagging data	Fish Management Hatchery	Northwest Marine Technology Inc	Landscape	\$625,000	\$625,000	\$128,000	\$0	\$0		Executed 7/1/98. Evaluation reports in progress.

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98-B16	Battle Creek screens and fish passage (A194)	Fish Screen Passage	USBR	Battle Creek	\$395,000	\$395,000	\$10,888	\$0	\$0		Executed 9/10/98. Completed topographic survey.
98-B17	Cosumnes floodplain acquisition and restoration (H307)	Habitat Restoration in Floodplains & Marshes	The Nature Conservancy	Cosumnes River	\$3,500,000	\$3,500,000	\$3,500,000	\$0	\$0	2,256 ¹	Executed 7/18/98. Properties acquired 12/98.
98-B21	Anadromous Fish Passage at Clough Dam on Mill Creek (B1000)	Fish Screen Passage	DWR	Mill Creek	\$1,280,000	\$1,280,000	\$0	\$0	\$0		Agreement being prepared.
98-B22	Fish Passage Improvement Project at the Red Bluff Diversion Dam (B1004)	Fish Screen Passage	Tehama-Colusa Canal Authority	Sacramento Mainstem	\$340,600	\$340,600	\$0	\$0	\$0		Executed 3/8/99. Field study completed.
98-B23	Steelhead and Chinook Salmon Fish Passage Barrier Remediation on the Guadalupe River (B005)	Fish Screen Passage	Natural Heritage Institute et. al.	Landscape	\$178,200	\$0	\$0	\$0	\$0		Agreement sent 3/16/99.
98-B24	ACID Fish Passage and Fish Screen Improvement Project, Phase II, Final Design (B1007)	Fish Screen Passage	Anderson-Cottonwood Irrigation District	Sacramento Mainstem	\$860,000	\$860,000	\$117,833	\$0	\$0		Agreement sent 3/11/99. Environmental documents prepared.
98-B25	Cosumnes River Salmold Barrier Program Fishery(B1009)	Fish Screen Passage	Foundation of California	Cosumnes River	\$188,255	\$188,255	\$0	\$0	\$188,255		Executed 3/11/99. Permits submitted.
98-B26	Boeger Family Farm Fish screen Phase II: Construction (B1014)	Fish Screen Passage	Boeger Family Farms	Sacramento Mainstem	\$139,500	\$0	\$0	\$0	\$139,500		Agreement being prepared.
98-B27	Hastings Tract Fish Screen Phase II: Construction (B1015)	Fish Screen Passage	Hastings Island Land Company	Delta	\$271,250	\$0	\$0	\$0	\$271,750		Agreement being prepared.
98-B28	City of Sacramento Fish Screen Replacement Project Phase 2 - Design (B1016)	Fish Screen Passage	City of Sacramento	Sacramento River	\$654,500	\$0	\$0	\$0	\$745,000		Agreement being prepared.
98-B29	American Basin Fish Screen and Habitat Improvement Project (B1017)	Fish Screen Passage	Natomas Mutual Water Company	Sacramento River	\$200,000	\$0	\$0	\$200,000	\$0		Agreement being prepared.
98-B30	San Joaquin Valley 'Salmonids in the Classroom Program Enhancement (H1001)	Education	DFG	San Joaquin River	\$3,000	\$0	\$0	\$0	\$0		Executed.
98-B31	Traveling Film Festival/Heron Booth/Video Archive (H1002)	Education	Independent Documentary Group	Landscape	\$54,000	\$54,000	\$43,902	\$0	\$0		Executed 2/23/99. Exhibits in several locations have occurred.
98-B32	Environmental Agriculture Conferences and Field Tours (H1005)	Education	Committee for Sustainable Agriculture	Landscape	\$28,000	\$28,000	\$14,000	\$0	\$0		Executed 2/25/99. Two conferences held
98-B33	Sacramento River, Headwaters to the Ocean, Public Information and Education (H1006)	Education	Sacramento River Discovery Center	Sacramento River	\$49,640	\$49,640	\$21,907	\$410,000	\$1,082,500		Executed 2/25/99. Bird monitoring program expanded
98-B34	Discover the Flyway (H1008)	Education	Yolo Basin Foundation	Delta	\$49,000	\$49,000	\$0	\$0	\$0		Executed 3/22/99. Expanded program by 2000 students per year.
98-B35	The Butte Creek Watershed Educational Workshops and Field Tours Series (H1010)	Education	CSU, Chico	Butte Creek	\$33,000	\$33,000	\$0	\$0	\$0		Executed 3/15/99. Initial workshop held.
98-B36	Bay-Delta Environmental Restoration Education Program (H1015)	Education	Water Education Foundation	Landscape	\$40,000	\$40,000	\$0	\$0	\$0		23 reporters taken on tour.
98-B37	The Virtual Science Center and Hands-on Learning Programs (H1016)	Education	The Delta Science Center at Big Break	Delta	\$0	\$0	\$9,598	\$0	\$0		Project cancelled.

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98-B38	Water Hyacinth Education Program (H1017)	Education	Sacramento Regional County Sanitation District	Delta	\$9,600	\$0	\$0	\$0	\$0		Executed. Flyer prepared.
98-B39	Water Challenge 2010 (H1018)	Education	San Francisco Bay Model Visitor Center, USACE	Landscape	\$64,500	\$64,500	\$0	\$0	\$15,000		Executed 3/5/99.
98-B40	Tuolumne River Natural Resources Program (H1019)	Education	City of Modesto	Tuolumne River	\$55,255	\$55,255	\$0	\$0	\$0		Executed. Design concept under refinement
99-B01	Battle Creek Salmon and Steelhead Restoration Project (DA1)	Fish Screen Passage	PG&E	Battle Creek	\$28,000,000	\$28,000,000	\$361,000	\$0	\$0		Contract being prepared. Program supervisor hired.
99-B02	Lower Butte Creek Project Phase II (DA2)	Fish Screen Passage	Ducks Unlimited, Inc.	Butte Creek	\$775,000	\$0	\$0	\$0	\$0		Contract being prepared. MOU prepared.
99-B03	ACID Fish Passage and Fish Screen Improvement Project, Phase III (DA3)	Fish Screen Passage	Anderson-Cottonwood Irrigation District	Sacramento Mainstem	\$5,253,000	\$5,100,000	\$0	\$0	\$0		Contract being prepared.
99-B04	Merced River Salmon Habitat Enhancement; Lower Stone (DA5)	Habitat Restoration in Floodplains & Marshes	DWR	Merced River	\$130,000	\$0	\$0	\$0	\$0		Contract being prepared.
99-B05	Merced River Salmon Habitat Enhancement; Ratzlaff Reach (DA6)	Habitat Restoration in Floodplains & Marshes	DWR	Merced River	\$1,633,000	\$0	\$0	\$0	\$0		Contract being prepared. Project underway.
99-B06	Assessment of Ecological and Human Health Impacts of Mercury in the Bay-Delta Watershed	Water Quality and Temperature	CSU, San Jose	Landscape	\$3,800,000	\$0	\$0	\$0	\$710,000		Contract being prepared.
99-B07	Fish Passage Improvement Project at the Red Bluff Diversion Dam	Fish Screen Passage	Tehama-Colusa Canal Authority	Sacramento Mainstem	\$1,030,000	\$0	\$0	\$0			Contract being prepared.
99-B08	Improve Upstream Ladder & Barrier Weir @Coleman Nat'l Fish Hatchery at Battle Creek	Fish Screen Passage	USFWS	Battle Creek	\$1,713,302	\$0	\$0	\$0			Contract being prepared.
99-B09	Development of Implementation Plan for Lower Yuba River Anadromous Fish Habitat Restoration	Habitat Restoration in Floodplains & Marshes	Surface Water Resources, Inc.	Yuba River	\$176,130	\$0	\$0	\$0			Contract being prepared.
99-B10	Species & Community Profiles of the SF Bay Area Wetlands Ecosystem Goals Project	Water Quality and Temperature	Friends of S.F. Estuary	Bay Area	\$45,320	\$0	\$0	\$0			Contract being prepared.
99-B11	South Napa River Tidal Slough & Floodplain Restoration Project	Habitat Restoration in Floodplains & Marshes	City of American Canyon	Napa	\$1,565,600	\$0	\$0	\$0			Contract being prepared.
99-B12	Riparian Corridor Acquisition & Restoration Assessment	Habitat Restoration in Floodplains & Marshes	USBLM	Sacramento Mainstem	\$2,240,250	\$0	\$0	\$0		1920 ¹	Contract being prepared.
99-B13	Understanding Tidal Marsh Restoration Processes & Patterns	Habitat Restoration in Floodplains & Marshes	Univ. of Washington	SF Bay Area	\$1,073,513	\$0	\$0	\$0			Contract being prepared.
99-B14	Biological Ag Systems in Cotton-BASIC-Reducing Synthetic Pesticides & Fertilizers in the N. SJ Vly	Watershed Management	Sustainable Cotton Project	San Joaquin Mainstem	\$473,800	\$0	\$0	\$0			Contract being prepared.
99-B15	Douglas/Long Canyon Paired - Watershed Project	Watershed Management	Placer Co Water Agency	American River	\$86,108	\$0	\$0	\$0			Contract being prepared.

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99-B16	Determination of the Causes of Dissolved Oxygen Depletion in the SJ River	Water Quality and Temperature Improvements	DWR	San Joaquin Mainstem	\$892,400	\$0	\$0	\$0			Contract being prepared.
99-B17	Dissolved Organic Carbon Release from Delta Wetlands, Part 1	Water Quality and Temperature Improvements	USGS	Landscape	\$1,434,449	\$0	\$0	\$0			Contract being prepared.
99-B18	Evaluation of Potential Impacts of Chinese Mitten crab on Benthic Comm. In the Delta	Introduced & Undesirable Species Control	DWR	Landscape	\$152,233	\$0	\$0	\$0			Contract being prepared.
99-B19	Health Monitoring of Hatchery & Natural Fall-run Chinook in SJ River	Improved Fish Management & Hatchery Operations	USWFS	San Joaquin Mainstem	\$38,996	\$0	\$0	\$0			Contract being prepared.
99-B20	Sacramento River Discovery Center	Education	Sacramento River Discovery Center	Sacramento Mainstem	\$39,552	\$0	\$0	\$0			Contract being prepared.
99-B21	Estuary Action Challenge Environmental Education Project	Education	Earth Island Institute	Landscape	\$51,500	\$0		\$0			Contract being prepared.
99-B22	Water Challenge 2010 Exhibit	Education	USCOE	Landscape	\$52,015	\$0	\$0	\$0			Contract being prepared.
99-B23	The Learning Watershed Project	Education	American River Watershed Institute	American River	\$56,907	\$0	\$0	\$0			Contract being prepared.
99-B24	Traveling Film Festival Exhibit	Education	Independent Documentary Group	Landscape	\$51,500	\$0	\$0	\$0			Contract being prepared.
99-B25	River Studies Center Exhibits & Programs	Education	SJ River Parkway & Conservation Trust	San Joaquin Mainstem	\$70,467	\$0	\$0	\$0			Contract being prepared.
99-B26	1999/2000 Bay-Delta Education Program	Education	Water Education Foundation	Landscape	\$33,269	\$0	\$0	\$0			Contract being prepared.
99-B27	Watershed Educational Training	Education	Colusa County Resource Conservation District	Sacramento Tributaries	\$13,390	\$0	\$0	\$0			Contract being prepared.
99-B29	San Joaquin River Pilot Project	Environmental Water Acquisition	Friant Water Users Authority	Stanislaus River	\$2,575,000	\$0	\$0	\$0	\$0		Contract being prepared.
99-B30	Water Acquisition	Environmental Water Acquisition	Oakdale & S. San Joaquin I.D.	Stanislaus River	\$3,090,000	\$0	\$0	\$0	\$0		Contract being prepared.
				Total: \$	\$95,056,635	\$69,936,767	\$18,648,539	\$635,000	\$15,593,660		
				70		74%	20%				67%
				Contracts		Obligated	Expended				Executed
Contract Agency: US Environmental Protection Agency (Federal funds)											
97-E01	Watershed Plan (Big Chico Creek) (F219)	Watershed Management	Big Chico Creek Watershed Alliance	Big Chico Creek	\$422,830	\$422,830	\$169,132				\$127,517 will be obligated in April. EPA watershed funds.
97-E02	Watershed Planning (Deer Creek) (F237)	Watershed Management	Deer Creek Watershed Conservancy, CSU Chico	Deer Creek	\$196,554	\$196,554	\$78,622		\$231,000		Executed.
98-E01	Napa River Watershed (M92)	Watershed Management	Napa County Resource Conservation District	Northbay	\$252,000	\$252,000	\$213,317	\$0	\$0		Executed 5/29/98.

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98-E02	Sonoma Creek Watershed (M113)	Watershed Management	Southern Sonoma County Resource Conservation District	Northbay	\$302,000	\$302,000	\$115,828	\$0	\$0		Executed 5/29/98.
98-E03	Regional Wetlands Goals Project (M130)	Habitat Restoration in Floodplains & Marshes	San Francisco Estuary Institute	Northbay	\$76,000	\$76,000	\$0	\$0	\$200,000		Completed. Final report completed
98-E04	Petaluma River Watershed Restoration Program (G1014)	Watershed Management	Southern Sonoma County Resource Conservation District	Northbay	\$220,000	\$220,000	\$1,465	\$0	\$0		Executed 5/13/99. Completed review of on-going projects on Petaluma River.
98-E05	Cottonwood Creek Watershed Group Formation (G1015)	Watershed Management	Cottonwood Creek Watershed Group	Cottonwood Creek	\$161,000	\$161,000	\$20,413	\$0	\$0		Executed on 5/11/99. Group formation underway.
98-E06	Battle Creek Watershed Stewardship (G1018)	Watershed Management	Battle Creek Watershed Conservancy	Battle Creek	\$145,000	\$145,000	\$0	\$0	\$0		EPA executed a cooperative agreement with NFWF in February to manage these 14 watershed projects. A NFWF sub-agreement is expected.
98-E07	Local Watershed Stewardship: Steelhead Trout Plan (G1022)	Watershed Management	Friends of Corte Madera Creek Watershed	Northbay	\$47,500	\$47,500	\$15,446	\$0	\$0		Executed on 4/2/99. Developed QA/QC plan. Installed 29 thermographs.
98-E08	Cold Water Fisheries and Water Quality Element (G1023)	Watershed Management	City of San Jose-Environmental Services Department	Other	\$200,000	\$200,000	\$0	\$0	\$0	16	EPA executed a cooperative agreement with NFWF in February to manage these 14 watershed projects. A NFWF sub-agreement is expected.
98-E09	Merced River Corridor Restoration Plan (G1026)	Watershed Management	Stillwater Sciences & Merced Co. Planning & Comm. Develop. Dept.	Merced River	\$300,000	\$300,000	\$41,769	\$0	\$0		Executed 5/25/99. Staff planning has commenced.
98-E10	South Yuba River Coordinated Watershed Management Plan (G1029)	Watershed Management	DPR	Yuba River	\$264,000	\$264,000	\$0	\$0	\$0		Executed 5/13/99. Recruiting project manager.
98-E11	Watershed Restoration Strategy for the Yolo Bypass (G1033)	Watershed Management	Yolo Basin Foundation, Inc.	Delta	\$244,188	\$244,188	\$23,490	\$0	\$0		Executed. First watershed workgroup meeting has occurred.
98-E12	Proposal to Develop Local Watershed Stewardship Plan for the Lower Mokelumne River (G1038)	Watershed Management	San Joaquin County Resource Conservation District	Mokelumne River	\$159,000	\$159,000	\$62,724	\$0	\$0		Executed 4/9/99. Watershed coordinator hired.
98-E13	Union School Slough Watershed Improvement Program (G1040)	Watershed Management	National Audubon Society - California	Yolo Basin	\$636,000	\$636,000	\$43,112	\$0	\$0		Executed 5/25/99. Program manager & restoration ecologist hired.
98-E14	American River Integrated Watershed Stewardship Strategy (G1047)	Watershed Management	Placer County Resource Conservation District	American River	\$220,750	\$220,750	\$0	\$0	\$0		Executed. Recruiting staff.
98-E15	Sulphur Creek Coordinated Resource Management Planning Group (G1049)	Watershed Management	Sacramento Watersheds Action Group	Clear Creek	\$23,828	\$23,828	\$670	\$0	\$0		Executed 5/13/99. Initial meetings have occurred.
98-E16	Lower Putah Creek Watershed Stewardship Program (G1052)	Watershed Management	Solano County, Department of Environmental Management	Putah Creek	\$100,500	\$100,500	\$0	\$0	\$0		EPA executed a cooperative agreement with NFWF in February to manage these 14 watershed projects. A NFWF sub-agreement is expected.

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98-E17	Alhambra Creek Watershed CRMP Program (G1053)	Watershed Management	Contra Costa Resource Conservation District	Suisun Marsh	\$138,500	\$138,500	\$28,262	\$0	\$0		Executed 4/8/99. Started GIS mapping analysis.
				Total: \$	\$4,109,650	\$4,109,650	\$814,249	\$0	\$431,000		
				19		100%	20%				100%
				Contracts		Obligated	Expended				Executed
Contract Agency: US Fish and Wildlife Service (Federal funds)											
98-F01	Butte Creek Watershed (F222,224,225)	Watershed Management	CSU, Chico	Butte Creek	\$261,300	\$261,300	\$19,223	\$0	\$0		Executed.
98-F02	Butte Creek Watershed Coordinator Assistant (F221)	Watershed Management	Butte Creek Watershed Conservancy	Butte Creek	\$41,445	\$41,445	\$0	\$0	\$0		Contract executed.
98-F03	Butte Creek acquisition and riparian restoration (G218)	Habitat Restoration in Floodplains & Marshes	CSU, Chico	Butte Creek	\$125,000	\$125,000	\$125,000	\$0	\$0		Executed. Property acquired 12/98 also funded with 97-N06.
98-F04	Lower Mill Creek riparian restoration (G292)	Habitat Restoration in Floodplains & Marshes	Mill Creek Conservancy, The Nature Conservancy	Mill Creek	\$29,730	\$29,730	\$0	\$0	\$0		Executed. Property also 12/98. Also funded with 97-N08.
98-F06	Tuolumne River setback levees and channel restoration (H136)	Habitat Restoration in Floodplains & Marshes	Turlock Irrigation District	Tuolumne River	\$655,700	\$655,700	\$0	\$0	\$0		Executed 9/3/98. Also funded with 97-M09.
98-F07	Grayson River Ranch Perpetual Easement and Restoration (C1003)	Habitat Restoration in Floodplains & Marshes	East Stanislaus RCD and Friends of the Tuolumne	Tuolumne River	\$732,000	\$732,000	\$0	\$0	\$311,000	140 ¹	Executed. Nearing completion of Perpetual Easement acquisition.
98-F08	Hill Slough West Habitat Demonstration Project (C1004)	Habitat Restoration in Floodplains & Marshes	DFG	Suisun Marsh	\$200,000	\$200,000	\$0	\$0	\$0		Executed. CDFG writing RFP to hire consultant to do topographic surveys & address hydrologic issues.
98-F09	Rhode Island Floodplain Management and Habitat Restoration (C1006)	Habitat Restoration in Floodplains & Marshes	DFG	Delta	\$25,000	\$25,000	\$0	\$0	\$0	67 ²	Cooperative Agreement sent to Applicant for signature 1/13/99. 30-day notice sent.
98-F10	Nelson Slough Wildlife Area Restoration Demonstration Project (C1008)	Habitat Restoration in Floodplains & Marshes	DFG	Feather River	\$256,476	\$0	\$0	\$0	\$10,000	85 ²	CDFG withdrew proposal (per Rom-Remple), 6/29/99.
98-F11	Phase 3 - Merced River Salmon Habitat Enhancement (C1009)	Habitat Restoration in Floodplains & Marshes	DFG	Merced River	\$2,433,759	\$2,433,759	\$0	\$2,433,759	\$790,000		Executed
98-F12	Stone Lakes NWR Land Acquisitions (C1010)	Habitat Restoration in Floodplains & Marshes	USFWS	Delta	\$1,900,000	\$1,900,000	\$0	\$0	\$0	658 ¹	Funds transferred to USFWS, Sacramento Realty Office. Implementation begun. Offer made on one property 3/3/99.
98-F13	Petaluma Marsh Expansion Project - Marin County (C1016)	Habitat Restoration in Floodplains & Marshes	Marin Audubon Society	Northbay	\$352,135	\$352,135	\$0	\$0	\$525,885	181	Executed. Updated appraisal report shows property value of \$544,400. Finalizing restoration design.

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CALFED No.	Project Description	Project Category	Applicant	Geo Area	CALFED Approved Funding	CALFED Funds Obligated	CALFED Funds Expended	CVPIA Funding	Other Funding	Acres	Status
98-F14	South Napa River Wetlands Acquisition and Restoration Program (C1017)	Marshes	Napa County	Northbay	\$431,000	\$431,000	\$0	\$0	\$65,000	600	Executed. Coordinating with Flood Control District regarding EIR for acquisition. Met with locals and attended public hearing regarding acquisitions.
98-F15	Lower Clear Creek Floodway Restoration Project (C024)	Floodplains & Marshes	Western Shasta	Clear Creek	\$3,559,596	\$3,559,596	\$2,954	\$500,000	\$0	70	Executed.
98-F16	Fern-Headreach Tidal Perennial Aquatic and Shaded River Aquatic Conservation Project (C1025)	Floodplains & Marshes	Thomas Luckey (L & L Farms, LLC)	Delta	\$425,000	\$425,000	\$0	\$0	\$0	168 ²	Executed. Property Approval, acquisition and Contaminant surveys being completed.
98-F17	Benicia Waterfront Marsh Restoration (C1026)	Marshes	City of Benicia	Suisun Marsh	\$59,000	\$59,000	\$0	\$0	\$0	8 ²	Executed. Contracts being executed with consultants.
98-F18	Floodplain Acquisition, Management, and Monitoring on the Sacramento River (C1028)	Floodplains & Marshes	Sacramento Conservancy, Wildlife Board, and others.	Sacramento	\$1,000,000	\$1,000,000	\$0	\$0	\$0	500	Executed.
98-F19	Cosumnes River Acquisition, Restoration Planning and Demonstration (C1032)	Marshes	The Nature Conservancy	Cosumnes River	\$750,000	\$750,000	\$0	\$0	\$0	800 ²	Executed.
98-F20	Deer and Mill Creeks Acquisition and Enhancement (C1033)	Floodplains & Marshes	The Nature Conservancy	Deer, Mill Creeks	\$1,000,000	\$1,000,000	\$0	\$0	\$0	2,500 ¹	Executed. Acquisition negotiations initiated.
98-F21	Lower San Joaquin River Floodplain Protection and Restoration Project (C1038)	Floodplains & Marshes	USFWS, San Luis National Wildlife Refuge	San Joaquin River	\$1,100,000	\$1,100,000	\$0	\$0	\$4,799,000	303	Funds transferred to USFWS, San Luis NWR Complex. Implementation begun.
98-F22	Biological Restoration and Monitoring in the Suisun Marsh/North San Francisco Bay Ecological Zone (C1042)	Floodplains & Marshes	CSU, Hayward	Suisun Marsh	\$772,667	\$772,667	\$55,374	\$0	\$243,812	272 ²	Agreement signed by Cooperator 1/4/98. Implementation begun.
98-F23	South Napa River Tidal Slough and Floodplain Restoration Project (C1044)	Floodplains & Marshes	City of American Canyon	Northbay	\$1,455,000	\$1,455,000	\$12,691	\$0	\$718,000	519 ²	Executed. Acquisition Appraisal Report sent to Realty for review on 6/22/99. Wetlands delineation completed.
98-F24	Butte Creek Riparian Restoration Demonstration (C1046)	Floodplains & Marshes	CSU, Chico	Butte Creek	\$76,348	\$76,348	\$693	\$0	\$0	\$0	Executed. Planning and designing for restoration, trails and signing underway using Research Foundation employees.
98-F25	Exotic Species Control Program	Introduced and Undesirable	USFWS	Landscape	\$365,988	\$365,988	\$33,836	\$0	\$0	\$0	Seven projects selected 99-F05-11.
99-F01	Restore Special Run Pool 10 Reach (DA7)	Floodplains & Marshes	Tuolumne River District	Tuolumne River	\$165,000	\$0	\$0	\$356,000	\$0	\$0	Contract being prepared.
99-F02	Restore MJ Ruddy Reach (DA8)	Floodplains & Marshes	Tuolumne River District	Tuolumne River	\$3,332,000	\$0	\$0	\$3,079,000	\$0	\$0	Contract being prepared.
99-F03	Restore habitat on McCormack-Williamson levees (DA12)	Floodplains & Marshes	The Nature Conservancy	Delta	\$860,000	\$860,000	\$0	\$0	\$250,000	\$0	Contract being prepared.
99-F04	McCormack-Williamson Tract Acquisition (F1-307)	Floodplains & Marshes	The Nature Conservancy	Delta	\$8,350,000	\$8,350,000	\$5,200,000	\$0	\$0	\$0	Property acquired 9/99.

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CALFED No.	Project Description	Project Category	Applicant	Geo Area	CALFED Approved Funding	CALFED Funds Obligated	CALFED Funds Expended	CVPIA Funding	Other Funding	Acres	Status
99-F05	Non-native Invasive Species Advisory Council	Introduced and Undesirable Species Control	USFWS	Landscape	\$50,000	\$0	\$0	\$0			Contract being prepared.
99-F06	Reducing Risk of Importation & Distribution on Non-native Invasive Species Through Outreach & Education	Introduced and Undesirable Species Control	UC Davis	Landscape	\$105,466	\$0	\$0	\$0			Contract being prepared.
99-F07	Zebra Mussel Detection & Outreach Project	Introduced and Undesirable Species Control	DWR	Landscape	\$100,000	\$0	\$0	\$0			Contract being prepared.
99-F08	Purple Loostripe Prevention, Detection & Control in the Sac/SJ Delta & Associated Hydrologic Units	Introduced and Undesirable Species Control	DFA	Landscape	\$201,306	\$0	\$0	\$0			Contract being prepared.
99-F09	Introduced Spartina Eradication Project	Introduced and Undesirable Species Control	California Conservation Conservancy	Landscape	\$250,000	\$0	\$0	\$0			Contract being prepared.
99-F10	Practical Guidebook to Prevent & Control for Non-native Invasive Plants in Shallow Water Habitats of the Bay-Delta Ecosystem	Introduced and Undesirable Species Control	SFEI	Landscape	\$76,750	\$0	\$0	\$0			Contract being prepared.
99-F11	Effects of Introduced Clams on the Food Supply of Bay-Delta Fishes	Introduced and Undesirable Species Control	SF State University	Landscape	\$100,490	\$0	\$0	\$0			Contract being prepared.
				Total:	\$28,596,156	\$23,960,668	\$5,449,771	\$6,368,759	\$7,712,697		
				35		%	19%				46%
				Contracts		Obligated	Expended				Executed
Contract Agency: US Army Corps of Engineers (Federal funds)											
98-A01	Prospect Island Habitat Protection Project	Habitat Restoration in Floodplains & Marshes		Delta	\$2,000,000	\$2,000,000	\$1,689,000	\$0	\$0		Project complete.
98-A02	Flood Control Bypass Habitat Program	Habitat Restoration in Floodplains & Marshes		Delta	\$1,200,000	\$379,321	\$12,000	\$0	\$0		Developing strategy. One Project under this program select through the current PSP. (99-A01)
99-A01	Inundation of a Section of the Yolo Bypass to Restore Sacramento Splittail & Other Native Species	Habitat Restoration in Floodplains & Marshes	Natural Heritage Institute		\$820,679	\$0	\$0	\$0	\$0		Contract being prepared
99-A02	Prospect Island Monitoring Project	Habitat Restoration in Floodplains & Marshes	DWR	Delta	\$915,000	\$0	\$0	\$0	\$0		Contract being prepared
				Total:	\$4,935,679	\$2,379,321	\$1,701,000	\$0	\$0		
				3		48%	34%				33%
				Contracts		Obligated	Expended				Executed
Contract Agency: National Resources Conservation Service (Federal funds)											
98-R01	Small Diversion Fish Screen Program	Fish Screen Passage	NRCS	Delta	\$900,000	\$900,000	\$24,000	\$0	\$0		Funds will be used to complete existing projects. New projects will be recruited through NRCS process.
99-R01	Floodplain Easements; Lower Tuolumne and San Joaquin (DA9)	Habitat Restoration in Floodplains & Marshes	NRCS	San Joaquin River	\$1,545,000	\$1,545,000	\$0	\$0	\$1,500,000	1,200	Contract being prepared. Program underway.
				Total:	\$2,445,000	\$2,445,000	\$24,000	\$0	\$1,500,000		
				2		100%	1%				0%
				Contracts		Obligated	Expended				Executed
				Total:	\$216,551,434	\$167,095,839	\$53,817,122	\$32,076,592	\$56,470,391		
						77%	25%				
				Contracts		Obligated	Expended	CVPIA	Other		

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